



ABERCARN URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1962.

Councillors:

| | | | |
|------------------------|---|---|-----------------------------|
| Chairman | - | - | Councillor J. D. Rees, J.P. |
| Vice-Chairman | - | - | Councillor W. C. H. Ford. |
| Councillor H. J. Reed. | | | Councillor F. Edwards, |
| „ B. Edwards. | | | B.E.M., J.P. |
| „ I. Thompson. | | „ | A. Barton. |
| „ A. Knott. | | „ | J. Strange. |
| „ I. James. | | „ | H. Ellis Williams. |
| „ G. Williams. | | „ | H. Burris. |
| „ B. J. Lewis. | | „ | S. Harris. |
| „ J. Lurvey. | | „ | F. Knight. |
| | | „ | O. Thorne. |

Officers:

| | | | | |
|-------------------------------------|---|---|---|---------------------|
| Clerk & Solicitor | - | - | - | N. C. Bizley. |
| Treasurer & Chief Financial Officer | - | - | - | T. H. Dixon. |
| Medical Officer of Health | - | - | - | Dr. H. V. M. Jones. |
| Engineer & Surveyor | - | - | - | M. T. Benjamin |
| Public Health Inspector | - | - | - | Lloyd G. Hale. |
| Housing Engineer | - | - | - | P. E. Davies. |
| Deputy Clerk | - | - | - | C. Knight. |

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
ABERCARN, MON.
1962.

TO THE CHAIRMAN AND MEMBERS OF THE
ABERCARN URBAN DISTRICT COUNCIL.

MR. CHAIRMAN, AND GENTLEMEN,

I have once again the pleasure of submitting the Annual Report for the year ending December, 1962

Births exceeded deaths by some 103. A breakdown of the causes of death show that 29 persons died from Bronchitis, the same figure as in 1961.

The cancer deaths showed a remarkable fall, from 36 in 1961 to 14 in 1962. While pneumonia accounted for some 24 deaths. Although later on in the report I have commented on pneumonia and its anticipated decline as a killer disease.

Deaths from coronary disease number 29, while other heart diseases or conditions result in a further 36 deaths.

The tremendous research and quite startling progress made in heart surgery will undoubtedly result in this cause of death being dramatically reduced in the next decade or so.

The total of Notifiable Infectious Diseases for the year must have reached an all time low figure of 19, of which 13 were new cases of Tuberculosis.

The Summary of Tuberculosis Cases remaining on register is set out for your information in the report. These figures show a net reduction of some 8 cases in total.

| | |
|---|-------------|
| Area of Abercarn Urban District Council ... | 9,543 acres |
| Population—Registrar-General's Estimate ... | 19,400 |
| Inhabited Houses | 5,834 |
| Number of Houses owned by the Council ... | 1,690 |
| Rateable Value 1960 | £137,354 |
| 1961 | £141,912 |
| 1962/63 | £353,579 |
| Product of Penny Rate 1959/60 | £511/0/0 |
| 1960/61 | £517/0/0 |
| 1961/62 | £529/0/0 |
| 1962/63 | £1,375/0/0 |

VITAL STATISTICS.

Births.

| | 1960 | 1961 | 1962 |
|---|-------|-------|-------|
| Males | 170 | 186 | 152 |
| Females | 171 | 188 | 152 |
| | <hr/> | <hr/> | <hr/> |
| | 341 | 374 | 304 |
| | <hr/> | <hr/> | <hr/> |
| Birth Rate of 1,000 of the Population ... | 15.67 | | |

Stillbirths.

| | 1960 | 1961 | 1962 |
|---|------|------|------|
| Stillbirth rate of 1,000 of the Population ... | .47 | .36 | .61 |

DEATHS.

| | 1960 | 1961 | 1962 |
|----------------|-------|-------|-------|
| Males | 79 | 92 | 114 |
| Females | 95 | 109 | 87 |
| | <hr/> | <hr/> | <hr/> |
| | 174 | 201 | 201 |
| | <hr/> | <hr/> | <hr/> |

| | | | | | |
|--|-----|-----|-----|-----|-------|
| | | | | | 1962. |
| Live Births | ... | ... | ... | ... | 304 |
| Live birth rate per 1,000 population | ... | | | | 15.67 |
| Still-births | ... | ... | ... | ... | 12 |
| Still-birth rate per 1,000 live and still-births | | | | | 16.28 |
| Infant Deaths | ... | ... | ... | ... | 5 |
| Infant mortality rate per 1,000 live births— | | | | | |
| total | ... | ... | ... | ... | 16.40 |
| Infant mortality rate per 1,000 live births— | | | | | |
| Legitimate | ... | ... | ... | ... | 15.36 |
| Neo Natal (first four weeks) | ... | ... | ... | | 3 |
| Death rate per 1,000 population | ... | ... | | | 10.36 |

INFANTILE MORTALITY.

Number of Deaths under One Year:

| | | | | | | |
|--------------------------|-----|-----|-----|------|------|------|
| | | | | 1960 | 1961 | 1962 |
| Boys | ... | ... | ... | 5 | 4 | 3 |
| Girls | ... | ... | ... | 2 | 8 | 2 |
| | | | | — | — | — |
| | | | | 7 | 12 | 5 |
| | | | | — | — | — |
| Infantile Mortality Rate | ... | ... | ... | ... | ... | 16.4 |

*“ The fault, dear Brutus, is not in our stars,
But in ourselves, that we are underlings.”*

—J. Caesar.

CAUSES OF INFANT DEATHS AT VARIOUS AGES.

| | | | | 0 to 1 week. | 1 to 4 weeks. | 4 weeks to one year. |
|----------------------------|-----|-----|-----|-----------------|------------------|-------------------------|
| All Causes | ... | ... | ... | 2 | 1 | 2 |
| Measles | ... | ... | ... | — | — | — |
| Diphtheria | ... | ... | ... | — | — | — |
| Whooping Cough | ... | ... | ... | — | — | — |
| Influenza | ... | ... | ... | — | — | — |
| Cerebral Spinal Fever | ... | ... | ... | — | — | — |
| Cancer (Malignant Disease) | ... | ... | ... | — | — | — |
| Syphilis | ... | ... | ... | — | — | — |
| Tuberculosis | ... | ... | ... | — | — | — |
| Bronchitis | ... | ... | ... | — | — | — |
| Pneumonia (All Forms) | ... | ... | ... | — | — | 1 |
| Other Respiratory Diseases | ... | ... | ... | 1 | — | — |
| Diarrhoea | ... | ... | ... | — | — | — |
| Congenital Debility | ... | ... | ... | — | — | — |
| Premature Births | ... | ... | ... | — | — | — |
| Digestive Diseases | ... | ... | ... | — | — | — |
| Violence | ... | ... | ... | — | — | — |
| Other Causes | ... | ... | ... | 1 | 1 | 1 |
| | | | | <hr/> 2 | <hr/> 1 | <hr/> 2 |
| | | | | <hr/> | <hr/> | <hr/> |

ACUTE RESPIRATORY DISEASES—DEATHS.

| | | | | 1960 | 1961 | 1962 |
|-------------|-----|-----|-----|-------|-------|-------|
| Bronchitis | ... | ... | ... | 21 | 14 | 24 |
| Pneumonia | ... | ... | ... | 5 | 11 | 5 |
| Other Forms | ... | ... | ... | 4 | 4 | — |
| | | | | <hr/> | <hr/> | <hr/> |
| Total | ... | ... | ... | 30 | 29 | 29 |
| | | | | <hr/> | <hr/> | <hr/> |

CANCER DEATHS.

| | | | 1960 | 1961 | 1962 |
|---------|-----|-----|-------|-------|-------|
| Males | ... | ... | 16 | 18 | 10 |
| Females | ... | ... | 14 | 18 | 4 |
| | | | <hr/> | <hr/> | <hr/> |
| Total | ... | ... | 30 | 36 | 14 |
| | | | <hr/> | <hr/> | <hr/> |

Infectious Diseases.

The Principal Notifiable Diseases are Smallpox, Typhoid, Typhus, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Puerperal Fever, Ophthalmia Neonatorum, and Continued Fever.

There were no deaths from the Principal Notifiable Diseases during 1962.

Pneumonia.

*“ Let me have men about me that are fat;
Sleek-headed men and such as sleep O nights,
Yond Cassius has a lean and hungry look,
He thinks too much. Such men are dangerous.”*

We know Cassius did not die of pneumonia, but probably Caesar's fat friends did.

It is of some interest to observe that the great improvement in the medical picture of pneumonia has radically altered the economic effects of the disease. The number of premature deaths has fallen considerably and incapacity by the illness is substantially reduced from twenty-five thousand per million to around six thousand deaths currently. A saving of some nineteen thousand lives.

Contrary to popular belief the effect of modern medicine is not simply to increase the economic burden of an aged population. The increased proportion of dependants due to reduced pneumonia mortality results mainly from a greater number surviving in later life as well as in childhood.

*“ You all did love him once, not without cause.
What cause withholds you now.”*

The improvement has resulted from the development of modern drugs, first the sulphonamides, M & B and then antibiotics, Penicillin and others of the group.

Research into anti-biotic drugs against virus infections, which cause Influenza, Colds and Broncho-pneumonia have so far been unsuccessful. However, a promising anti-virus drug has been developed recently and at the moment is on trial.

I have no doubt that the next decade will see a marked improvement in this side of preventative medicine.

CAUSES OF DEATH, 1962.

| 1961. | | | | | | 1962. | |
|-------|----|---|-----|-----|-----|-------|----|
| M. F. | | | | | | M. F. | |
| 109 | 92 | ALL CAUSES | ... | ... | ... | 114 | 87 |
| | | Tuberculosis—Respiratory System | ... | ... | ... | 1 | 1 |
| | | Tuberculosis—Other Forms | ... | ... | ... | — | — |
| | | Syphilitic Diseases | ... | ... | ... | — | — |
| | | Diphtheria | ... | ... | ... | — | — |
| | | Whooping Cough | ... | ... | ... | — | — |
| | | Meningococcal Infections | ... | ... | ... | — | — |
| | | Acute Poliomyelitis | ... | ... | ... | — | — |
| | | Measles | ... | ... | ... | — | — |
| | | Other infective and Parasitic Diseases | ... | ... | ... | 1 | — |
| | | Malignant Neoplasm, Stomach | ... | ... | ... | 4 | 2 |
| | | Malignant Neoplasm, Lung Bronchus | ... | ... | ... | 6 | 1 |
| | | Malignant Neoplasm, Uterus | ... | ... | ... | — | — |
| | | Malignant Neoplasm, Breast | ... | ... | ... | — | 1 |
| | | Other Malignant and Lymphatic Neoplasms | ... | ... | ... | 8 | 6 |
| | | Leukaemia, Aleukaemia | ... | ... | ... | 3 | — |
| | | Diabetes | ... | ... | ... | — | 2 |
| | | Vascular Lesions of Nervous System | ... | ... | ... | 11 | 17 |
| | | Coronary Disease, Angina | ... | ... | ... | 18 | 11 |
| | | Hypertension of Heart Disease | ... | ... | ... | 2 | 3 |
| | | Other Heart Disease | ... | ... | ... | 14 | 17 |
| | | Other Circulatory Disease | ... | ... | ... | 3 | 3 |

"The Favourite has no Friends."—Gray.

| | | | | | | | |
|--|-----|-----|-----|-----|-----|----|----|
| Influenza | ... | ... | ... | ... | ... | — | — |
| Pneumonia | ... | ... | ... | ... | ... | 2 | 3 |
| Bronchitis | ... | ... | ... | ... | ... | 19 | 5 |
| Other Disease of Respiratory System | ... | ... | ... | ... | ... | 3 | 1 |
| Ulcer of Stomach and Duodenum | ... | ... | ... | ... | ... | 4 | — |
| Gastritis, Enteritis and Diarrhoea | ... | ... | ... | ... | ... | — | — |
| Nephritis and Nephrosis | ... | ... | ... | ... | ... | 2 | 1 |
| Hyper-plasia of Prostrate | ... | ... | ... | ... | ... | 2 | — |
| Pregnancy, Childbirth, Abortion | ... | ... | ... | ... | ... | — | — |
| Congenital Malformations | ... | ... | ... | ... | ... | 2 | — |
| Other Defined and Ill-defined Diseases | ... | ... | ... | ... | ... | 5 | 10 |
| Motor Vehicle Accidents | ... | ... | ... | ... | ... | — | — |
| All other Accidents | ... | ... | ... | ... | ... | 3 | 1 |
| Suicide | ... | ... | ... | ... | ... | 11 | 2 |
| Homocide and Operations of War | ... | ... | ... | ... | ... | — | — |

ANALYSIS OF INFECTIOUS DISEASES IN AGE GROUPS.

| Diseases. | Under 1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 | 20-35 | 35-45 | 45-65 | 65 plus | Total |
|--------------------------|---------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|---------|-------|
| Scarlet Fever . | — | — | — | — | — | 1 | — | — | — | — | — | — | 1 |
| Diphtheria ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Measles ... | 1 | 1 | — | 1 | 1 | 1 | — | — | — | — | — | — | 5 |
| Erysipelas ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Whooping Cough ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Puerperal Pyrexia ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ophthalmia Neonatorum | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dysentery ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pneumonia ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total ... | 1 | 1 | — | 1 | 1 | 2 | — | — | — | — | — | — | 6 |

Total Number of Infectious Diseases in Age Groups ... 6

“ Oh come with old Khayyam, and leave the wise to talk.”

—Omar Khayyam.

NUMBER OF CASES OF INFECTIOUS DISEASES NOTIFIED DURING THE PAST FOUR YEARS.

| | | | 1959 | 1960 | 1961 | 1962 |
|-----------------------|-----|-----|------|------|------|------|
| Scarlet Fever | ... | ... | 2 | 6 | — | 1 |
| Dysentery | ... | ... | — | 117 | 2 | — |
| Diphtheria | ... | ... | — | — | — | — |
| Cerebral Spinal Fever | ... | ... | — | — | — | — |
| Pneumonia | ... | ... | 12 | — | — | — |
| Poliomyelitis | ... | ... | — | — | 1 | — |
| Meningitis | ... | ... | 1 | — | — | — |
| Tuberculosis | ... | ... | 14 | 12 | 12 | 13 |
| Whooping Cough | ... | ... | — | 4 | 2 | — |
| Erysipelas | ... | ... | — | — | — | — |
| Ophthalmia Neonatorum | ... | ... | — | — | — | — |
| Puerperal Pyrexia | ... | ... | — | — | — | — |
| Food Poisoning | ... | ... | 16 | 2 | 6 | — |
| Paratyphoid Fever | ... | ... | — | — | — | — |
| Measles | ... | ... | 17 | 1 | 469 | 5 |
| | | | 62 | 142 | 492 | 19 |

Measles.

Over the past 15 years some 2,784 cases of Measles have been notified to my Office, and I am of the opinion that this large number is not all the cases that have occurred during this time. Especially, in the years of heavy epidemics, such as occurred in 1951, when a total of 526 cases were notified and 10 years later in 1961, when the figures showed 469 cases notified.

This resulted in the over-burdening of the General Practitioner, and it is only fair to assume that many cases occurred and were not notified to the department.

*“ And some that smile have in their hearts, I fear,
Millions of mischiefs.”* —J. Caesar.

This infectious disease affecting children in the lower age groups, that is to say, one year to the age of ten years, could possibly bring complications in its wake. It is therefore of some interest to learn that a Measles Vaccine is now being tested to bring about the total elimination of this disease. It is to be hoped that in a short period of time, the vaccine will be readily available, in order that the children may be vaccinated in the various County Council Clinics in the Urban Area, and in the Schools as the case may be.

IMMUNISATION AGAINST DIPHTHERIA.

This service continues to be carried out by the County Council.

There were no reported cases of Diphtheria during the year 1962. If such cases are notified, isolation facilities exist at Bedwellty and Alt-yr-yn Hospitals.

Children under five years of age are innoculated by Assistant Medical Officers from the County Council's Public Health Department at the District Clinics. School children by the Area Medical Officer at the Schools.

Immunisation in relation to Child Population.

Number of children at 31st December who had completed a course of Immunisation—at any time since 1st January, 1937:—

| Age at date of final injection (as regards A) or of reinforcing injection as regards B). | | | | |
|--|----------------|-------------|--------------|--------|
| | Under 1 yr. | 1-4 yrs. | 5-14 yrs. | Total. |

A. Number of children who completed a full course of primary immunisation in the Authority's area (including temporary residents during the six months ended 31st December, 1962).

| | | | |
|----|-----|----|-----|
| 55 | 195 | 68 | 318 |
|----|-----|----|-----|

B. Number of children who received a secondary (reinforcing) injection (i.e., subsequently to primary immunisation at an earlier age) during the six months ended 31st December, 1962).

| | | | |
|---|-----|-----|-----|
| 4 | 154 | 190 | 348 |
|---|-----|-----|-----|

Vaccination—Smallpox.

Vaccination for the year totalled ... 8,126

The following table is submitted for your information :—

(1) Number of Persons Vaccinated (or re-vaccinated) during the period.

| Age at date of vaccination | Under 1 | 1—2 | 2—4 | 5—14 | 15 or over | Total |
|----------------------------|------------|-----|-----|-------|---------------|-------|
| Number vaccinated ... | 96 | 214 | 557 | 2,233 | 3,735 | 6,835 |
| Number re-vaccinated ... | — | — | 18 | 258 | 1,015 | 1,291 |

(2) Number of Cases Specially Reported during Period
(Age Groups as above).

| | | | | | | |
|---|---|---|---|---|---|---|
| (a) Generalised Vaccinia ... | — | — | — | — | — | — |
| (b) Post-vaccinal Encephalo- myelitis ... | — | — | — | — | — | — |
| (c) Death from complications of vaccination other than (a) or (b) ... | — | — | — | — | — | — |

Immunisation—Whooping Cough.

Immunisation for the year totalled ... 255

The following table is submitted for your information:—

| Age at Date of Immunisation. | Under | | | 15 or | | Total |
|---------------------------------|-------|-----|-----|-------|------|-------|
| | 1 | 1—2 | 2—4 | 5—14 | Over | |

| | | | | | | |
|--|----|-----|----|----|-----|-----|
| Number of Children who have completed a primary course (normally 3 injec- tions) of pertussis vaccine (singly or in combination) in the Authority's area during the year ended 31st December, 1962. | 55 | 122 | 55 | 23 | Nil | 255 |
|--|----|-----|----|----|-----|-----|

INFANT WELFARE CENTRE ATTENDANCES.

Attendances at the Infant Welfare Centres for the year 1962 are set out in the following table for your information:—

| Centre. | Under 1. | 1960. | 1959 | 1954-58. |
|-----------------|----------|-------|------|----------|
| Cwmcarn ... | 85 | 69 | 71 | 171½ |
| Newbridge ... | 116 | 102 | 115 | 41 |
| Hafodyrynys ... | 66 | 60 | 61 | 69 |
| Pantside ... | 29 | 26 | 7 | 12 |
| | 296 | 257 | 254 | 293 |

*“ He was a scholar, and a ripe and good one.
Exceeding wise, fair spoken and persuading.
Lofty and sour, to them that loved him not,
But to those that sought him, sweet as Summer.”*

| Centre. | Over 1 | | Over 2 | Total |
|-----------------|-------------|-------------|-------------|-------------|
| | Under 1 | Under 2 | Under 5 | |
| Cwmcarn ... | 1,267 | 461 | 589 | 2,417 |
| Newbridge ... | 1,622 | 381 | 260 | 2,241 |
| Hafodyrynys ... | 787 | 300 | 336 | 1,423 |
| Pantside ... | 185 | 97 | 104 | 444 |
| | <hr/> 3,861 | <hr/> 1,239 | <hr/> 1,289 | <hr/> 6,525 |

| | | |
|---------------------------------------|-----|-------|
| Attendances at the Cwmcarn Centre | ... | 2,417 |
| Attendances at the Newbridge Centre | ... | 2,241 |
| Attendances at the Hafodyrynys Centre | ... | 1,423 |
| Attendances at the Pantside Centre | ... | 444 |

Total Attendances for the year 1962 ...

6,525

SUMMARY OF TUBERCULOSIS CASES.

| | | | | Non- | | Total |
|-------------------------|-----|-----|---------|-----------|-----------|---------|
| | | | | Pulmonary | Pulmonary | |
| | | | | M. | F. | |
| Total Cases on Register | | | | | | |
| 31-12-61 | ... | ... | 90 | 88 | 15 | 210 |
| New Cases, 1962 | ... | ... | 8 | 5 | — | 13 |
| Deaths | ... | ... | 1 | 1 | — | 2 |
| Recovered | ... | ... | 5 | 4 | — | 9 |
| Removed for other | | | | | | |
| Reasons | ... | ... | 2 | 4 | — | 8 |
| Removed from District | ... | ... | 1 | 1 | — | 2 |
| | | | <hr/> — | <hr/> — | <hr/> — | <hr/> — |
| Total Cases on Register | | | | | | |
| 31-12-62. | ... | ... | 89 | 83 | 15 | 202 |
| | | | <hr/> — | <hr/> — | <hr/> — | <hr/> — |

Annual Return of Food Poisoning Out-Breaks in the Area of the Abercarn Urban District Council for the 1st January, 1962, to 31st December, 1962.

In accordance with the Circular 46/49 (Wales) dated 24th May, 1949, Returns as per Memo. 188/MED. (Appendix 1) are submitted herewith.

Annual Return of Food Poisoning Notifications (corrected).

Local Authority Abercarn Urban District Council, year 1st January, 1962, to 31st December, 1962.

(2nd) Food Poisoning Notification Corrected Return to R.G.

| 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | Total |
|----------|----------|----------|----------|-------|
| Nil | Nil | Nil | Nil | Nil |

(3rd) Outbreaks due to identified Agents.

Total Outbreaks ... Nil Total Cases ... Nil

(3rd A) Outbreaks due to Salmonella Organisms: Nil

(4th) Outbreaks of Undiscovered Cause.

Total Outbreaks ... Nil Total Cases ... Nil

(5th) Outbreaks.

| | | | | |
|------------------|-----|-----|-----|-----|
| Single Cases | ... | ... | ... | Nil |
| Agent Identified | ... | ... | ... | Nil |
| Unknown Cases | ... | ... | ... | Nil |

FOOD POISONING OUTBREAKS. SUMMARY OF DETAILS.

It is with pleasure that I have to report that no cases of Food Poisoning occurred during the year in the Urban Area. This happy state of affairs has been largely brought about by the rigid implimentation of the Food Hygiene Provisions in all food shops in the Urban Area. The pre-packing of almost all food sold and displayed in attractive wrappings. Thus preventing contamination.

The increasing awareness of the general public not to accept any food offered to them.

Increased competition in the food shops and super-markets.

The Hygiene Exhibitions promoted and lectures given by my Public Health Inspector in his free time.

All these conditions have been most helpful. Although I must echo a note of warning here in certain trends in the food stores which I am afraid may react on the general public adversely, and bring food poisoning in its wake.

Up to the present time my Public Health Inspector spends a certain amount of his time condemning food in all types of shops. These condemnation lists are submitted to the Health Committee monthly and again are included in this report.

However, I am now informed by my Public Health Inspector that there is a tendency for the wholesalers to agree with the owners of shops to accept cases of tin food and make allowances of up to 1½% on all tin goods sold.

It seems that any tins over 3 in 200 that ought to be condemned, may well not be condemned as the loss will fall directly on the owner/owners of the shop/shops in question.

This temptation should never exist. Shop owners and certainly managers of all food shops should remember their duty under Section 8 of the Food and Drugs Act, 1955, where it is an offence to offer or sell or expose for sale any food intended for but unfit for human consumption.

GENERAL PROVISIONS OF THE HEALTH SERVICE.

Medical Officer of Health :

Dr. H. V. M. Jones,, M.B. (Lon.), D.P.H.(Liv.).

Public Health Inspector :

Lloyd G. Hale, M.P.H.I.A., M.R.S.H.

Maternity and Child Welfare Services.

These services are maintained by the County Council at Cwmcarn, Abercarn, Newbridge, Pantside, Hafodyrynys and Trinant.

Isolation Hospitals.

There are no Isolation Hospitals in the Council's Area, but arrangements have been made for Infectious Diseases cases to be admitted to the Bedwellty Isolation Hospital, Aberbargoed, and Allt-yr-yn Hospital, Newport.

Immunisation against Diphtheria.

It is now the duty of the County Council to administer this service. This duty is performed by their Area Medical Officers.

Ambulance Service.

Under the provisions of the National Health Service Act, 1946, the County Council now administers the Ambulance Service.

Bacteriological Examination of Pathological Specimens.

Samples of Milk, Ice-cream, Water and samples from the Council's Swimming Baths were submitted to the Laboratory at the County Hall for examination during the year.

Water Supplies.

" Knowledge is the antidote to fear caused by ignorance."

Much has been written and more has been said in regard to the advisability of adding Fluoride to our water supplies.

Skilful propagandists or persons who hold sincere views expressing concern against the fluoridation of water are misinformed.

The objections against adding fluoride to our water supplies are briefly as follows :—

- (1) Delayed effects on health, especially in old people.
- (2) Symptoms of chronic fluorine poisoning.
- (3) Fluoridation causes mongolism.
- (4) The effect of fluorine on the Thyroid Gland (i.e., increase of goitre in the neck).
- (5) Fluorides are used as rat poison and pesticides.

(6) Fluoridation is mass medication, all these and many other objections have been carefully looked into and all the points raised have been debunked one by one. The British Dental Association supports the idea of fluoridation of water supplies.

Further the Medical Standing Advisory Committee for England and Wales together with the Central Health Services Council and last but not least the Minister of Health through his advisers, all support the idea of the fluoridation of water supplies.

In order that the Council may have the fullest information on this vexed problem, I enclose a pamphlet by the British Dental Association and a booklet issued by the Oral Hygiene Service. In view of the fact that all these important bodies have given their blessing to the Fluoridation of our water supplies. It is to be hoped that the Council will decide in favour of this measure, in accordance with my previous recommendation.

The Council is a constituent Authority of the Abertillery and District Water Board. The chief supply is obtained from Grwyne-Fawr Reservoir situated in the Black Mountains, Breconshire, subsidiary supplies are obtained from local sources. The water is of good quality and large supplementary quantities were obtained from Llanover Scheme. The water is sampled by the Board and from time to time by the Local Authority (who submitted samples for bacteriological examination). Where necessary the supplies were chlorinated by the Board's Officials.

| | | | |
|--|-----|-------------|--------|
| Number of houses with piped supply | ... | ... | 5,834 |
| Number of houses supplied from wells, springs, | | (estimated) | 12 |
| Approximate population, supplied from Public | | | |
| Water Mains direct to houses | ... | ... | 19,352 |

During the year inspections were made of water Supplies and systems generally, where the pressure was reported to be low. Upon inspection it was found that in almost all cases the corrosion of pipes was responsible for inadequate supplies for

all domestic purposes. In such cases, Informal Notices and where necessary Statutory Notices under Section 138 of the Public Health Act, 1936, as amended by Section 30 of the Water Act, 1945, were served with complete success.

Sewers and Drains.

The Council is a constituent Member of the Western Valley Sewerage Board. The Council's subsidiary sewers are connected to the Main Trunk Sewer.

Scavenging.

Scavenging is carried out by direct labour twice weekly. The tip is situated at Fields Park, and another at the northern end of the District at Trinant.

Refuse Disposal.

Regular inspections in connection with Rodent Control and Fly Breeding have been carried out, and extensive treatments for the elimination of rodents and flies are continually being undertaken.

River Pollution Act, 1951.

During the year under review some concern was expressed at the possibility of the storm water culvert at Newbridge, known as Torlais Stream, being contaminated with sewage.

Samples of storm water were taken at various points along the length of this culvert and part open brook, and in certain instances duplicate samples were taken. All were submitted to the Public Analyst for his report. The thirteen samples taken showed only mild pollution and at the lower end of the culvert, the surface water entering caused dilution to take place and self purification.

The reports stated that this pollution was insignificant to the condition of the river, which is heavily polluted.

Chemical Sampling of a new installed Water Supply System at Cil-lon-ydd Farm, Newbridge.

Three samples of this untreated water used for all domestic purposes were submitted to the Public Analyst for his report.

The final report showed that from a chemical standpoint this water was suitable for drinking and domestic purposes.

Bacteriological Examination of Water Supplies, Milk and Ice-Cream.

Thirteen samples of water were submitted for bacteriological examination; all proved satisfactory. A similar number of ice-cream samples were submitted, eleven of which were placed in Grade I, while the remainder were placed in Grade II.

Thirty-three samples of milk taken at the school canteens, on the roadside, and in the process of being delivered, were submitted for bacteriological examination. Thirty-two of these samples were satisfactory, the outstanding sample was unsatisfactory at the time of sampling. Re-sampling showed this milk to be up to the standard.

Rainfall.

The table shows the monthly rainfall, also the day of the month when the greatest fall occurred.

| Month. | Rainfall | Greatest fall in 24 hours in inches. | Date. | No. of days with 0.01 ins. or more. |
|-------------|----------|--|-------------|---|
| January ... | 6.02 | 1.54 | 10- 1-62 | 15 |
| February | 1.22 | 0.30 | 6- 2-62 | 9 |
| March ... | 2.81 | 0.85 | 8- 3-62 | 7 |
| April ... | 3.72 | 0.70 | 2- 4-62 | 12 |
| May ... | 3.24 | 0.90 | 20- 5-62 | 13 |
| June ... | 0.65 | 0.15 | 17/19- 6-62 | 6 |
| July ... | 2.07 | 0.37 | 21- 7-62 | 10 |
| August ... | 4.48 | 1.60 | 14- 8-62 | 19 |
| September | 8.39 | 2.20 | 28- 9-62 | 11 |
| October ... | 1.10 | 0.40 | 31-10-62 | 5 |
| November | 3.74 | 0.75 | 16-11-62 | 17 |
| December | 2.05 | 0.70 | 9-12-62 | 8 |
| Total | 39.49 | 2.20 | 28- 9-62 | 132 |

Rainfall is recorded at Abercarn Cemetery.

Height above Sea Level: 539.9 feet.

PUBLIC HEALTH INSPECTOR'S ANNUAL REPORT.

“ Man is born to trouble, as the sparks fly upwards.

The philosopher, Goethe, once said :—

*“ Everything that is wise has already been said;
We can only try to say it once again.”*

What can one say in relation to housing and its problem that has not already been said.

During the year under review the Council built twenty-two houses, while a further eleven were built by private enterprise. On the face of it, not a particularly impressing record. Nevertheless, we have a record for house building which stands fourth highest in the County, irrespective of figures issued by the

Ministry of Housing and Local Government. Against economic giants like Newport Borough and Cwmbran Development Corporation. These Authorities continue to attract the family man away from the Valleys, with the diversity of industrial posts and jobs on offer, leaving us with an ageing population and still an acute housing problem of housing the aged.

It is therefore pleasing to note that the Council is now giving serious attention to the problem, in deciding to build suitable dwellings at Cwmcarn, Abercarn and Panside for the aged.

The pruning of the housing application list was a very necessary criteria in formulating future housing needs. The removal of dormant applicants from the housing list should prevent the Council from overbuilding.

As you will recollect a case has been made out, by this pruning, for a further 450 housing units of all sizes. The acquisition of some twenty-three acres of ground at the Pant will enable the Authority to meet its housing needs during the next five years.

Demolitions and Clearance Areas.

Since the relevant sections under the Housing Act, 1936, and the later Housing Act, 1957, have been put into practice some 245 houses have been demolished or closed or have undertakings placed upon them in the last ten years. Most of the properties concerned I regard, with respect, as rubbish. Cottages that had long outlived their usefulness. This observation was borne out by the attitude of the owners, where in no single case was the making of a Demolition or Closing Order tested in the Courts.

The Authority will be aware that there still remains property that is sub-standard and unfit for human habitation as under Section 4 of the Housing Act, 1957. I have no doubt that these properties will be dealt with under the appropriate Sections within the meaning of the Housing Act, 1957, at the proper time.

Members will recollect that in dealing with these properties the owners may allow Demolition Orders to be made, but demolition not enforced, as new proposed owners may come along with schemes under Section 24 for the improvement of these properties, thus making much greater use of the improvement Section, Section 24 of the Housing Act, 1957. It is anticipated that the new proposed owners of this type of property will come from the younger generation, enabling them to completely restore these properties from a repair point of view, and applying for Grant Aid under the appropriate Acts.

Improvement Grants.

Everyone in Local Government will be pleased at the Minister's of Housing and Local Government, promise to give Local Authorities powers to compel owners in suitable cases to improve rented properties. Improvement applications received from 1949 to 1959 were disappointingly small in number.

The Housing (Financial Provisions) Act, 1958, and Housing and House Purchase Act, 1959.

Gave powers to Local Authorities to approve Standard Grants for modernising houses, in existing rooms. These provisions quickly became well known and the number of applications received showed the value of such powers. Power of compulsion to make owners (in suitable cases) improve rented property is the next logical step.

Perhaps the biggest single landlords in the Urban Area are the National Coal Board. Excepting, of course, the Local Authority. Yet since the advent of the Housing Act, 1949, the National Coal Board has only recently made eight applications to modernise properties in the Urban Area under their control. Perhaps the Housing Department of the National Coal Board are satisfied that having now provided the miners with pit-head baths, the miners' families can continue to bath in front of the fire as they have done for generations. It is disappointing, to say the least, that the National Coal Board has not taken advantage to improve more of their properties. It is easily possible for the Board to present schemes for whole streets in accordance with ministerial policy.

If the Public Health Act, of 1875, gave Local Authorities powers to prevent people being dirty, only new powers will enable persons to keep clean.

The number of Improvement Grants dealt with during the year 1962 are set out as follows :—

| | | | | |
|------------------------------------|-----|-----|-----|--------|
| Number of Standard Grants | ... | ... | ... | 18 |
| Number of other Improvement Grants | ... | ... | ... | 18 |
| Amount of Standard Grants | ... | ... | ... | £2,575 |
| Amount of other Improvement Grants | ... | ... | ... | £6,808 |
| Number of Improvement Loans | ... | ... | ... | 7 |
| Amount of Improvement Loans | ... | ... | ... | £2,780 |
| Bringing the total to date of | ... | ... | ... | 241 |

We can perhaps conclude by saying :—

“ We are pessimists, Hobson. But we are a new sort of pessimist. We think we are the sort that will please.”

Proceedings taken under the Public Health Act, 1936.

During the year seven Prosecutions were successfully taken against owners of property for the non-compliance with Notices served under Section 93 of the above Act.

All the properties have now been repaired.

A breakdown of the inspections made showed that the following defects were in being :—

| | |
|---|-------|
| | 1962. |
| <i>Exterior.</i> | |
| Chimney stacks rebuilt or repaired | 30 |
| Roofs repaired or renewed | 41 |
| Rainwater pipes and eaves gutters renewed or repaired | 34 |
| Walls— | |
| Rebuilt or repaired | 24 |
| Rendered for the prevention of dampness | 24 |
| External plastering repaired | 18 |
| Damp roof courses inserted | 6 |
| Outbuildings repaired | 3 |
| Obstructive outbuildings demolished | 3 |
| Yards, passages, etc., paved or repaired | 11 |

ERRATA.

Number of other Improvement Grants 25
And not 18 as above.

Interior.

| | | | | | |
|--|-----|-----|-----|-----|----|
| Doors and frames renewed or repaired | ... | ... | ... | ... | 32 |
| Floors renewed or repaired | ... | ... | ... | ... | 51 |
| Floors ventilated | ... | ... | ... | ... | 4 |
| Grates or ovens renewed or repaired | ... | ... | ... | ... | 6 |
| Internal plastering (walls) repaired or replastered | ... | ... | ... | ... | 33 |
| Internal plastering (ceilings) repaired or replastered | ... | ... | ... | ... | 35 |
| Larders provided | ... | ... | ... | ... | 1 |
| Larders improved or repaired | ... | ... | ... | ... | 9 |
| Staircases repaired | ... | ... | ... | ... | 9 |
| Windows and frames renewed or repaired | ... | ... | ... | ... | 43 |
| Window cords renewed | ... | ... | ... | ... | 48 |

Drainage.

| | | | | | |
|--|-----|-----|-----|-----|-----|
| New drains constructed | ... | ... | ... | ... | 25 |
| Drains cleansed | ... | ... | ... | ... | 214 |
| Drains reconstructed | ... | ... | ... | ... | 9 |
| Drains repaired | ... | ... | ... | ... | 52 |
| Drains tested— | | | | | |
| Water | ... | ... | ... | ... | — |
| Smoke | ... | ... | ... | ... | — |
| Chemical | ... | ... | ... | ... | 39 |
| Gullies fixed | ... | ... | ... | ... | 12 |
| Inspection chambers provided or repaired | ... | ... | ... | ... | 14 |
| Soil pipes or ventilating shafts fixed or repaired | ... | ... | ... | ... | 10 |
| Waste water sinks provided | ... | ... | ... | ... | 18 |
| Waste water sinks trapped or waste pipes repaired | ... | ... | ... | ... | 17 |

Water Closets.

| | | | | | |
|----------------------------------|-----|-----|-----|-----|----|
| Water closet buildings repaired | ... | ... | ... | ... | 22 |
| Seats, doors renewed or repaired | ... | ... | ... | ... | 17 |
| Water closets reconstructed | ... | ... | ... | ... | 4 |
| New W.C. pans and traps fixed | ... | ... | ... | ... | 23 |
| Flushing apparatus provided | ... | ... | ... | ... | 4 |
| Flushing apparatus repaired | ... | ... | ... | ... | 3 |

Miscellaneous Repairs and Nuisances Abated.

| | | | |
|--|-----|-----|-------|
| Storage accommodation provided or improved | ... | ... | 5 |
| Water supply provided where none existed | ... | ... | 8 |
| Water taps or pipes repaired or renewed | ... | ... | 7 |
| Other repairs and nuisances abated | ... | ... | 72 |
| <hr/> | | | |
| Total | ... | ... | 1,029 |
| <hr/> | | | |

Housing.

| | | | |
|--|-----|-----|-------|
| Number of Dwelling Houses inspected | ... | ... | 973 |
| Re-inspected | ... | ... | 714 |
| Number of premises at which repairs and improvements have been carried out | ... | ... | 275 |
| Warning Notices | ... | ... | 84 |
| Remedied without Notice | ... | ... | 168 |
| Statutory Notices served | ... | ... | 108 |
| Statutory Notices complied with | ... | ... | 106 |
| Statutory Notices not complied with | ... | ... | 2 |
| Number of Houses in the Area | ... | ... | 5,834 |
| Number of Houses owned by the Council | ... | ... | 1,690 |
| Number of Dwelling Houses erected during the year by the Council | ... | ... | 22 |
| Number of New Houses erected privately in the year 1962 | ... | ... | 11 |

Drainage.

| | | | |
|---|-----|-----|-----|
| Drainage stoppages dealt with, New Drainage connections, improvements and repairs | ... | ... | 300 |
| Disinfections carried out | ... | ... | 12 |
| Disinfestations carried out | ... | ... | 7 |

The following statement is in the form prescribed by the Ministry :—

1. Inspection of Dwelling Houses during the year :—

| | | | |
|--|-----|-----|-----|
| (1) (a) Total number of dwelling houses inspected during the year for housing defects (under Public Health and Housing Acts) | ... | ... | 824 |
| (b) Number of Inspections made for the purpose | | | 824 |

| | | | | |
|--|-----|-----|-----|-----|
| (2) (a) Demolition Orders made | ... | ... | ... | — |
| (b) Closing Orders made | ... | ... | ... | 3 |
| (3) Undertaking accepted not to re-let for human habitation | ... | ... | ... | — |
| (4) Closing Orders revoked after premises have been made fit | ... | ... | ... | 1 |
| 2. Remedy of Defects during the year without Service of Formal Notices | ... | ... | ... | 168 |
| Number of dwelling houses rendered fit for occupation in consequence of informal action by the Local Authority or their Officers | ... | ... | ... | 582 |
| 3. Action under Statutory Powers during the year :— | | | | |
| (a) Proceedings under Sections 9 and 10 of the Housing Act, 1957 | ... | ... | ... | — |
| (1) Number of dwelling houses in respect of which notices were served requiring repair | ... | ... | ... | 46 |
| (2) Number of dwelling houses which were rendered fit after service of Formal Notice | ... | ... | ... | 46 |
| (a) By Owners | ... | ... | ... | 46 |
| (b) By Local Authority in default of owners | ... | ... | ... | — |
| Number of Houses under Circular 2845 | ... | ... | ... | — |
| (b) Proceedings under Public Health Acts :— | | | | |
| (1) Number of dwelling houses in respect of which notices were served requiring repair | ... | ... | ... | 60 |
| (2) Number of dwelling houses which were rendered unfit after service of notice | ... | ... | ... | 58 |
| (a) By Owners | ... | ... | ... | 58 |
| (b) By Local Authority in default of owners | ... | ... | ... | 1 |
| (c) Proceedings under Sections 16 and 17 of the Housing Act, 1957 :— | | | | |
| (1) Number of dwelling houses in respect of which Demolition Orders were made | ... | ... | ... | — |

| | |
|---|-----|
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders | 15 |
| (d) Proceedings under Section 18 of the Housing Act, 1957 :— | |
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or room having been rendered fit | 1 |
| 4. Housing Act, 1957—Part IV. Overcrowding. | |
| (a) 1. Number of dwellings overcrowded at the end of the year | 106 |
| 2. Number of families dwelling therein | 92 |
| 3. Number of persons dwelling there in | 462 |
| (b) Number of new cases of overcrowding reported during the year | 7 |

Meat and Other Foods.

A large quantity of tinned and other foods were inspected during the year. The following articles were condemned as being unfit for human consumption :—

| | |
|-----------------------|-------------------------|
| 52 bs. Bacon. | 5 Tins Loganberries. |
| 30 lbs. Bacon Ham. | 113 Tins Luncheon Meat. |
| 81 Tins Beans. | 25 Tins Meat (Various). |
| 9 Tins Beefburgers. | 141 Tins Milk. |
| 5 lbs. of Brawn. | 24 Tins Minced Beef. |
| 2 Loaves Bread. | 8 lbs. Minced Pork. |
| 3 lbs. Butter. | 4 Tins Minced Pork. |
| 4 Packets Butter. | 6 Tins Minced Steak. |
| 1 Carcass of Lamb. | 8 Tins Oranges. |
| 60 lbs. Cheese. | 68 Tins Peaches. |
| 8 Chickens. | 37 Tins Pears. |
| 3 Chicken Dinners. | 131 Tins Peas. |
| 22 Tins Chopped Ham. | 9 Pies (Mould). |
| 8 lbs. Chopped Pork. | 14 Tins Pineapples. |
| 10 Tins Chopped Pork. | 5 Tins Salmon. |
| 390 lbs. Cooked Ham. | 15 Bottles Sauce. |

18 lbs. Corned Beef.
122 Tins Corned Beef.
10 Tins Cream.
16 Tins Fruit Cocktail.
4 Tins Grapefruit.
3 Tins Ham and Pork.
120 lbs. Jellied Veal.
15 lbs. Liver.
12 lbs. Veal.

30 lbs. Sausage.
13 Tins Savory Steak.
15 Tins of Soup.
10 Sponges.
3 Tins Stew.
6 Tins Strawberries.
28 lbs. Sweets.
63 Tins Tomatoes.
18 lbs. Tongue.
4 Tins Fruit Salad.

“ Many do it with better grace, but I do it more naturally.”

—King Henry VIII.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.
Report for 12 months ended 31st December, 1962.

| | | Type of Property. | | | |
|--|------------------|---|--|-------------------------------|--------------|
| | | Non-Agricultural. | | | |
| | (1) | (2) | (3) | (4) | (5) |
| | Local Authority. | Dwelling Houses including Council Houses. | All other (including Business Premises). | Total of Cols. (1) (2) & (3). | Agricultural |
| I. Number of properties in Local Authority's District | 4 | 5,816 | 188 | 6,008 | 42 |
| II. Total number of properties inspected as a result of notification (See note 3) | 2 | 286 | 23 | 311 | 1 |
| Number of such properties found to be infested by :— | | | | | |
| Common Rat : Major | — | — | — | — | — |
| Minor | 1 | 154 | 3 | 158 | — |
| Ship Rat : Major | — | — | — | — | — |
| Minor | — | — | — | — | — |
| House Rat : Major | — | 2 | — | 2 | — |
| (See Note 4) Minor | 1 | 97 | 16 | 114 | 1 |
| III. Total number of properties inspected in the course of survey under the Act | 4 | 319 | 55 | 378 | 10 |
| Number of such properties found to be infested by :— | | | | | |
| Common Rat : Major | — | — | — | — | — |
| Minor | 1 | 24 | — | 25 | — |
| Ship Rat : Major | — | — | — | — | — |
| Minor | — | — | — | — | — |
| House Mouse : Major | — | — | — | — | — |
| Minor | 1 | 30 | 2 | 33 | — |
| IV. Total number of properties otherwise inspected (e.g., when visited primarily for some other purpose | — | 4 | — | 4 | — |

| Type of Property. | | | | | |
|--|---------------------|--|--|----------------------------------|-------------------|
| | (1) | (2) | (3) | (4) | (5) |
| | Local Authority. | Dwelling Houses (including Council Houses. | All other (in- cluding Business Premises). | Total of Cols. (1) (2) & (3). | Agricul- ture. |
| Number of such proper- ties found to be infested by :— | | | | | |
| Common Rat : Major | — | — | — | — | — |
| Minor | — | — | — | — | — |
| Ship Rat : Major | — | — | — | — | — |
| Minor | — | — | — | — | — |
| House Mouse : Major | — | — | — | — | — |
| Minor | — | 4 | — | 4 | — |
| V. Total inspections car- ried out, including re- inspections (To be completed only if figures are readily avail- able.) | | | | | |
| | | | Figures not available. | | |
| VI. Number of <i>infested properties</i> (in sections II, III and IV) treated by the L.A. | | | | | |
| | 4 | 311 | 76 | 326 | 1 |
| VII. Total treatments carried out — including re-treatments (To be completed only if figures are readily avail- able). (See note 3). | | | | | |
| | | | Figures not available. | | |
| VIII. Number of notices served under Section 4 of the Act :— | | | | | |
| (a) Treatment | — | — | — | — | — |
| (b) Structural Work | | | | | |
| (i.e., Proofing | — | — | — | — | — |
| IX. Number of cases in w h i c h default action was taken following the issue of a notice under Section 4 of the Act ... | | | | | |
| | — | — | — | — | — |

| | Type of Property | | | | |
|---|------------------------|---|--|--|---------------------|
| | NON-AGRICULTURAL | | | | |
| | (1) | (2) | (3) | (4) | (5) |
| | <i>Local Authority</i> | <i>Dwelling Houses including Council Houses</i> | <i>All Other Including Business Premises</i> | <i>Total of Cols. (1), (2) and (3)</i> | <i>Agricultural</i> |
| X. Legal Proceedings (See. XII. below) | — | — | — | — | — |
| XI. Number of "Block" control schemes carried out | — | — | — | — | — |
| XII. Where legal proceedings have been instituted by the Local Authority brief particulars should be given here :— | | | | | |
| NONE | | | | | |
| XIII. Any other points of interest. | | | | | |
| NONE | | | | | |

Two sewer treatments were carried out in February/March and September/October of 1962. The following are the figures :—

| | | <i>No. of Manholes</i> | | <i>Bait Taken Poison</i> | | <i>Total</i> |
|-------------------|-----|------------------------|-----------------|--------------------------|-------------|--------------|
| | | <i>Treated</i> | <i>Pre-bait</i> | <i>Small</i> | <i>Good</i> | |
| February/March | ... | 325 | 62 | 41 | 30 | 133 |
| September/October | ... | 341 | 38 | 35 | 24 | 97 |

All individual complaints during the year were dealt with, which entailed several visits by the Rodent Operator to one single reported case.

*'Tis pleasant sure, to see one's name in print,
A book's a book although there is nothing in't."*

—The English Bards and Scottish Reviewers.

Factories and Workshops.

| | |
|---|-------|
| Total number of factories in the Area ... | 8 |
| Total number of workshops in the Area ... | 22 |
| | <hr/> |
| | 30 |
| | <hr/> |

The factories and workshops are periodically inspected in order that they comply with the Factories Act, 1937.

Number of Defects.

| Particulars | Number of Defects. | | | |
|--------------------------------|--------------------|---|--|---|
| | Found | | Referred No. of to H.M. Prose- Inspector cutions | |
| Want of Cleanliness ... | 3 | 3 | — | — |
| Want of Ventilation ... | — | — | — | — |
| Want of Drainage of Floors ... | — | — | — | — |
| SANITARY ACCOMMODATION : | | | | |
| Other Nuisances ... | — | — | — | — |
| Insufficient | — | — | 1 | — |
| Unsuitable or Defective ... | 3 | 3 | — | — |
| Not separate for sexes ... | — | — | — | — |
| | 6 | 6 | 1 | — |

Licensed Slaughtermen.

Several applications were received and granted by the Council during the year.

H. V. M. JONES, M.B. (London), D.P.H. (Liverpool),
Medical Officer of Health.

LLOYD G. HALE, M.P.H.I.A., M.R.S.H.,
Public Health Inspector.

